

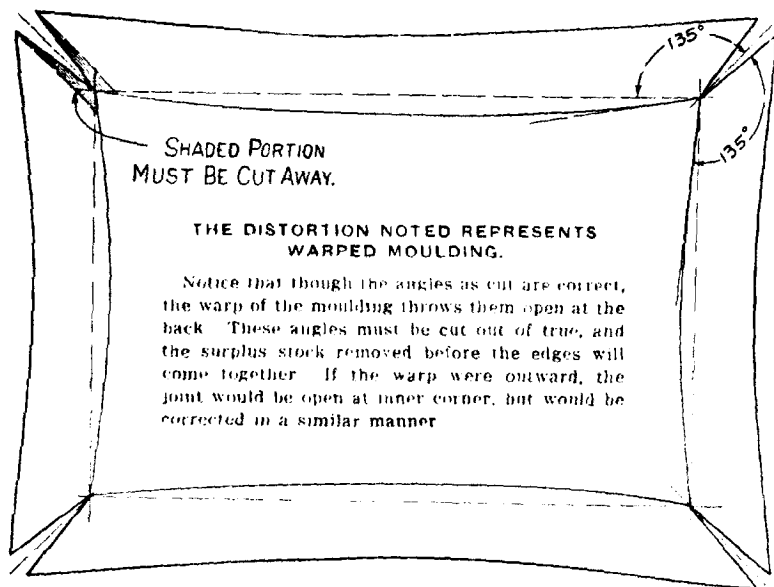
# STANLEY PICTURE FRAME TOOLS



®

*THE TOOL BOX OF THE WORLD*

**STANLEY TOOLS**  
NEW BRITAIN, CONN., U. S. A.



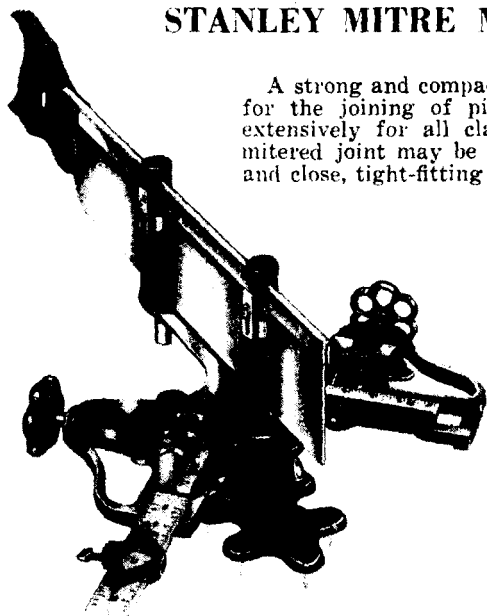
## ***How to Cut Warped Moulding***

A mitre machine will cut perfect joints only on moulding that is straight and true. Practically all moulding is warped, some so little that the sides of the frame may be sprung into place, others so much that the last joint is wide open. In the latter case, the angles must be cut out of true to bring them together.

In the case of the **No. 100 Mitre Machine** however, the clamping jaws will straighten most mouldings and produce a good joint.

## STANLEY MITRE MACHINE

A strong and compact machine originally designed for the joining of picture frames; but now used extensively for all classes of woodwork. Any 45° mitered joint may be readily cut, glued and nailed, and close, tight-fitting corners can be assured.



No. 100

Fig. No. 1

Figure No. 1 illustrates the machine set up ready for use, showing low clamp wood rule and rule gauge.

The low or auxiliary clamp is slipped over the regular clamp for use with certain types of mouldings that are not readily gripped by the latter.

The mitre machine, commonly known as the **Two Guide** machine, has a guide on each side of the work, supporting the saw rigidly and preventing it from running.

The saw gauges, fastened on the posts, prevent the saw from cutting into the metal frame.

The saw is held above the work by detent springs, enabling the work to be adjusted without taking saw from machine.

Mouldings with rabbets as shallow as  $\frac{7}{16}$  inches in height can be cut on this machine by removing the spacer or filling strip placed underneath the graduated stationary jaw. When replacing spacer make sure it does not project beyond outside edge of the stationary jaw.

The stationary jaws are graduated in inches so that small frames can be measured.

Any moulding less than 4 inches in width can be sawed and any frame  $7\frac{1}{2} \times 7\frac{1}{2}$  inches or larger can be clamped.

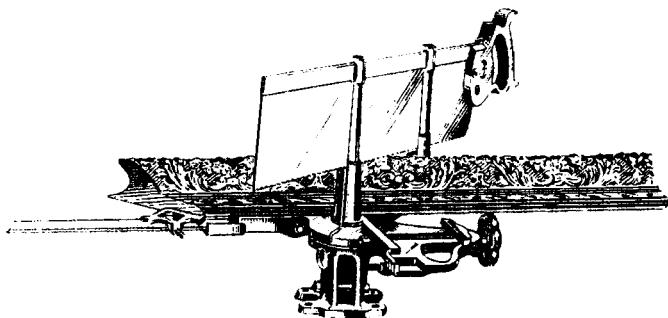
The clamping edge of  $7\frac{1}{2}$  inches insures accuracy in sawing large frames.

For clamping smaller frames use the Mitre Vise No. 400.

A 14 pt. saw made expressly for frame work is furnished. Each saw is fitted to its machine.

Every machine is tested before leaving the factory. With ordinary use and care it will last a lifetime.

# STANLEY MITRE MACHINE



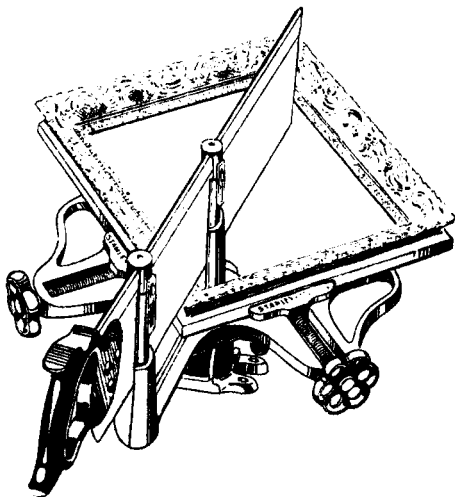
*Fig. No. 2*

Figure No. 2 shows the machine with high back moulding in place, sawing from the back.

High back moulding can be held rigid and is as easily sawed as simpler patterns.

The saw may be reversed and frames cut from either the back or front as the type of moulding may require.

The rule may be placed on either side of the machine, making it possible to cut the opposite sides of a frame to exactly the same length.



*Fig. No. 3*

Figure No. 3 shows frame in position for resawing last joint if it is not tight due to warped or twisted moulding.

# STANLEY MITRE MACHINE

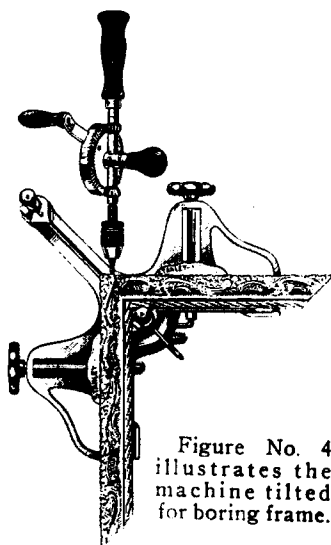


Fig. No. 4

Figure No. 4 illustrates the machine tilted for boring frame.

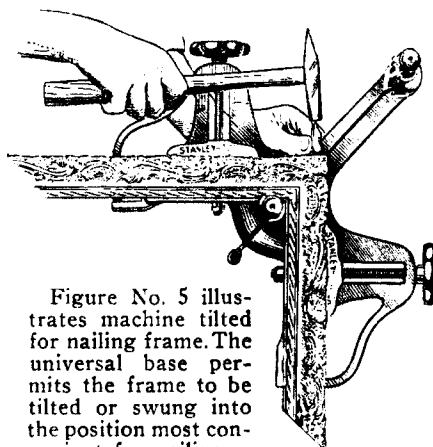


Fig. No. 5

Figure No. 5 illustrates machine tilted for nailing frame. The universal base permits the frame to be tilted or swung into the position most convenient for nailing.

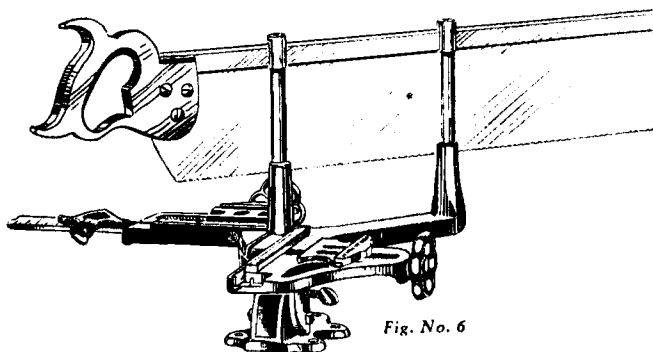
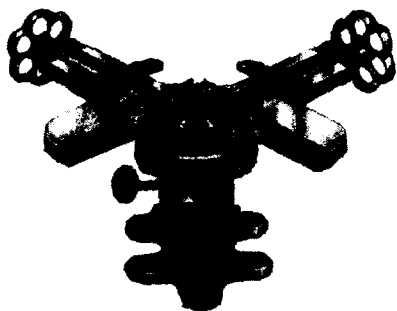


Fig. No. 6

Figure No. 6 illustrates saw held up by detents.

No. 100 Mitre Machine with 22 x 4-inch saw, net weight, 20 lbs.

## STANLEY JOINING VISE



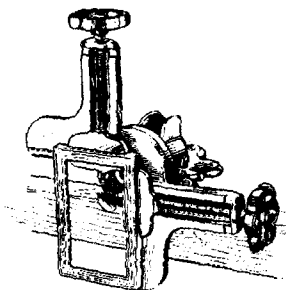
No. 400

### MITRE VISE No. 400

The Mitre Vise meets every requirement of a picture frame clamp for square corners. The jaws hold the two sides of the frame firmly in position for nailing. Provision is made for resawing the joint if it does not make up tight.

It will clamp any type or width of moulding less than 4 inches wide and join any frame larger than  $3\frac{1}{2} \times 3\frac{1}{2}$  inches. It has the universal base of the mitre machine.

Shipping weight 18 lbs.



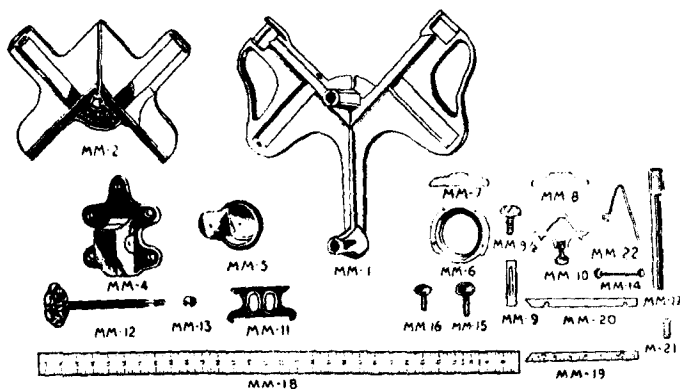
Vise tilted for nailing

## A TRIMMING KNIFE YOU'LL FIND HANDY



**No. 199 KNIFE** A razor-edge tool for cutting and trimming matrix, cardboard, leather and other material that requires a tool of razor edge keenness. Five blades and protective blade guard are held in the handle. Tool is cast aluminum.

# PARTS FOR MITRE MACHINE AND VISE



| Name of Part                       | For No. 100 Mach. |         | For No. 400 Vise |        |
|------------------------------------|-------------------|---------|------------------|--------|
|                                    | Part No.          | Price   | Part No.         | Price  |
| Bed Plate .....                    | MM1               | \$12.50 | MM2              | \$4.50 |
| Base .....                         | MM4               | 1.10    | MM4              | 1.10   |
| Hinge .....                        | MM5               | 1.50    | MM5              | 1.50   |
| Ring .....                         | MM6               | 1.50    | MM6              | 1.50   |
| Threaded Clamp .....               | MM7               | .70     | MM8              | .35    |
| Saw Gauge .....                    | MM9               | .20     | —                | —      |
| Saw Gauge Screw and Washer....     | MM9 1/2           | .10     | —                | —      |
| Rule Gauge and Screw .....         | MM10              | .45     | —                | —      |
| Low Clamp (Per Pair).....          | MM11              | .45     | —                | —      |
| Clamp Screw .....                  | MM12              | .90     | MM12             | .90    |
| Collar for Clamp Screw.....        | MM13              | .20     | MM13             | .20    |
| Hinge Screw and Nut.....           | MM14              | .20     | MM14             | .20    |
| Hinge Thumb Screw (Large).....     | MM15              | .20     | MM15             | .20    |
| Ring Thumb Screw (Small).....      | MM16              | .20     | MM16             | .20    |
| Saw Guide (Front or Back).....     | MM17              | 1.70    | —                | —      |
| Rule, Wood .....                   | MM18              | 1.20    | —                | —      |
| R. & L. Hand Stationary Jaws (Ea.) | MM19              | .80     | —                | —      |
| Stationary Jaw Spacer.....         | MM20              | .15     | —                | —      |
| Stationary Jaw Screw.....          | MM21              | .10     | —                | —      |
| Detent Spring .....                | MM22              | .15     | —                | —      |

In order to specify Rules and Right and Left Hand jaws specify whether U. S. Measure or Metric Graduations are desired.

In ordering repairs give Part Number and Machine in which used.

**STANLEY**

**TOOLS**

STANLEY

*A reference book  
for all tool users—*

**STANLEY TOOL CATALOG No. 34**

This catalog illustrates and describes the complete line of Stanley Tools. In addition it contains tables of measure, weights, surface and capacity; information on brickwork, flooring and siding, etc. If you haven't a copy, let us know so that we can send you one.